

WHAT IS CLAIMED, IS

1. A process for controlling a capstan in a video tape recorder, the capstan being able to rotate driven by a motor in a forward direction to draw a tape from which a video signal is reproduced, including the following successive steps :

- applying a torque to the capstan in a backward direction for a first predetermined period of time ;

- applying a torque to the capstan in the forward direction for a second predetermined period of time ;

- nullifying the motor current.

2. A process for controlling a capstan in a video tape recorder, the capstan being driven by a motor and drawing a tape from which a video signal is reproduced, including the following successive steps :

- rotating the capstan in a first direction ;

- applying a torque to the capstan in a second direction opposite the first direction for a first predetermined period of time ;

- applying a torque to the capstan in the first direction for a second predetermined period of time ;

- nullifying the motor current.

3. A process according to claim 2, wherein the first period of time lasts longer than 5 times the second period of time.

4. A process according to claim 2, wherein the second period of time lasts between 0.5 ms and 5 ms.

5. A process according to claim 2, wherein the second period of time lasts between 1 ms and 2 ms.

6. A process according to claim 2, wherein the first period of time lasts between 5 ms and 25 ms.

7. A process according to claim 2, wherein the first period of time lasts between 12 ms and 16 ms.

8. A process according to claim 2, wherein the motor is controlled by a control current and a control rotation direction and wherein :

- the control current is strictly positive during the first period of time and during the second period of time ;

5 - the control rotation direction is set backward during the first period of time ;

- the control rotation direction is set forward during the second period of time.

10 9. A process according to claim 2, wherein the motor is fed by a drive current and wherein :

- the drive current is not null and has a first given sign during the first period of time ;

15 - the drive current is not null and has a second sign opposite said first sign during the second period of time.

20 10. A process for controlling a capstan in a video tape recorder, the capstan being driven by a motor and drawing a tape from which a video signal is reproduced, a control pulse sensor detecting control pulses of the tape, including the following successive steps :

- rotating the capstan in a first direction ;

25 - when a first predetermined period of time has elapsed after a control pulse is detected by the control pulse sensor, applying a torque to the capstan in a second direction opposite the first direction for a second predetermined period of time ;

- applying a torque to the capstan in the first direction for a third predetermined period of time ;

- nullifying the motor current.